Climate Trends, Golden Spike National Historic Site, Utah

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Historical and projected climate trends for the 50 km x 50 km area that includes the park (Gonzalez et al. 2010, IPCC 2007, Mitchell and Jones 2005).

	mean	SD		mean	SD	
Historical (1901-2002)						
temperature annual average	9.4	0.7	ºC	49	1.3	ºF.
temperature linear trend	0.1	N.S.	ºC/century	0.2	N.S.	ºF./cent.
precipitation annual average	340	80	mm/y	13	3	in./year
precipitation linear trend	-15	N.S.	%/century	-15	N.S.	%/century
Projected (1990-2100)						
IPCC B1 scenario (lower emissions)						
temperature annual average trend	3	1.2	ºC/century	5.5	2.2	ºF./cent.
precipitation annual average trend	4	16	%/century	4	16	%/century
IPCC A1B scenario (medium emissions)						
temperature annual average trend	4	1.2	ºC/century	7.2	2.2	ºF./cent.
precipitation annual average trend	8	16	%/century	8	16	%/century
IPCC A2 scenario (higher emissions)						
temperature annual average trend	4.6	1.2	ºC/century	8.3	2.2	ºF./cent.
precipitation annual average trend	11	16	%/century	11	16	%/century

Sig. = statistically significant

N.S. = not statistically significant

References

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For More Information

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